Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Saturday 04 Dec 2021 until 23:59 on Sunday 05 Dec 2021

Forecast Issued on Saturday 04 Dec 2021 at 04:14

Confidence: Medium for snow amounts today. High for increasingly settled conditions Sunday and for a very unsettled period next week.

Headline for Saturday 04 Dec 2021: Rather cloudy with showers or longer spells of rain, sleet and snow. Strengthening northwesterly winds.

Mountain weather hazards on Saturday 04 Dec 2021

Blizzards
Low Likelihood

Heavy Snow
Medium Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light snow showers (night)	Heavy snow	Heavy snow	Light snow	Heavy snow	Heavy snow
Precipitation probability					
30%	40%	70%	50%	60%	30%

Forecast for Saturday 04 Dec 2021

Weather: Largely cloudy with outbreaks of rain, these to sleet or snow above 500m. The showers may be heavy at times and may merge to give a longer spells of snow, especially late morning and this afternoon, with a low risk of temporary blizzard conditions across the highest summits. These outbreaks of rain, sleet and snow will become confined to eastern hills this evening, with clear spells developing for western areas.

Chance of cloud free mountain/hill tops above 600m: Around 60% at first, later becoming close to zero at times from late morning and through this afternoon. This evening becoming 90% across western areas, and 40% across eastern areas.

Visibility: Occasional cloud above 450-550m at first, becoming periods or persistent above 500m from late morning and this afternoon, and again across eastern areas this evening. Otherwise visibility very good falling to several kilometres in showers and a kilometre or less in heavy snow showers or prolonged snow.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Saturday 04 Dec 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	24/29 W	27/33 W	29/37 W	27/35 W	25/32 NW	24/31 NW	24/32 NW
300	18/25 W	20/26 W	23/31 W	22/31 W	19/27 NW	18/26 NW	18/26 NW
Valley	10/24 W	12/26 W	15/31 W	15/30 W	13/27 NW	12/26 NW	12/26 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-6	1/-7	1/-7	1/-7	0/-7	-0/-7	-1/-8
300	3/-2	2/-4	3/-3	3/-3	3/-3	2/-3	2/-4
Valley	4/0	3/-1	4/-1	4/-1	3/-1	3/-1	2/-2
Freezing Level*	700m	700m	700m	700m	600m	500m	500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Increasingly significant chill effect as winds strengthen and temperatures fall at all levels. Gusts around 45mph over higher peaks, with a low risk of gales.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sat 04 Dec 2021	1.6mm	1.8mm	9.8mm

Forecast for Sunday 05 Dec 2021

Weather: Some clear spells overnight for western areas, but cloudy with spells of sometimes heavy sleet or snow for eastern areas. Further sleet or snow showers expected through the day, mainly across eastern hills, with limited bright or sunny spells developing, the best of these in the west. Becoming dry with through the evening, with some clear spells.

Maximum wind: Northerly 25mph, gusts around 40mph over higher peaks, decreasing 15mph by early afternoon becoming 10mph or less in evening.

Chance of cloud free mountain/hill tops above 600m: Overnight becoming generally 20%, but locally 60% across the far west. Through the day gradually improving 60% across the Peak District, then 80% through the evening.

Visibility: Widespread cloud above 500m arriving from the east overnight, with some breaks for western areas, until mid-afternoon. Then cloud becoming broken above 600m from mid-afternoon. Outside of the cloud very good visibility, perhaps falling to a kilometre or less with periods of snow, especially heavy snow.

Temperature: **Valleys:** Around plus 2 or 3 Celsius at dawn rising to 6 or 7 Celsius by day
At 600m: Around zero Celsius
Freezing level: Around 600m

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